

# Journal of Applied Physics

JAP Home

Volume:

Page:

**Retrieve**

Search

Browse

Search All Issues: Results List

**[New Search] [General Search Help]**Article Collection: View Collection Help (Click on the ☐ to add an article.)

You were searching for : (((TMR <OR> (tunnel <AND> (junction <or> barrier))) <and>((ra <OR> roughness)))  
 You found 61 out of 61356 (61 returned)

Refine your query if desired:

AND  in Abstract/Title/Keywords **Refine**

**Next 25**

Documents 1 - 25 listed on this page

	Score	Title	Author(s)
<input type="checkbox"/>	77%	1.Surface alloy formation of Co on Al surface: Molecular dynamics simulation Full Text PDF (334 kB) GZipped PS Order	Sang-Pil Kim, Yong-Chae Chung, Seur Cheol Lee, Kwang-Ryeol Lee, and Kyu Hwan Lee
<input type="checkbox"/>	77%	2.Development and process control of magnetic tunnel junctions for magnetic random access memory devices Full Text PDF (73 kB) GZipped PS Order	Witold Kula, Jerome Wolfman, Kamel Ounadjela, Eugene Chen, and William Koutny
<input type="checkbox"/>	77%	3.Fabrication and magnetoresistive effect of current perpendicular to plane devices using half-metallic Fe[sub 3]O[sub 4] thin films on metallic films Full Text PDF (55 kB) GZipped PS Order	H. Takahashi, S. Soeya, J. Hayakawa, Ito, A. Kida, C. Yamamoto, H. Asano, and M. Matsui
<input type="checkbox"/>	83%	4.Effect of nitrogen plasma treatment at the Al[sub 2]O[sub 3]/Fe interface in magnetic tunnel junction Full Text PDF (51 kB) GZipped PS Order	Heejae Shim, B. K. Cho, Jin-Tae Kim, W. Kim, and W. J. Park
<input type="checkbox"/>	79%	5.Kinetics of pinhole nucleation and growth in magnetic tunnel junctions Full Text PDF (59 kB) GZipped PS Order	Changhe Shang, Yingjian Chen, and Ki seok Moon
<input type="checkbox"/>	77%	6.Atomic, electronic, and magnetic properties of magnetic tunnel junctions Full Text PDF (350 kB) GZipped PS Order	I. I. Oleynik and E. Yu. Tsymbal
<input type="checkbox"/>	79%	7.Magnetic tunnel-valve barriers with boron Full Text PDF (57 kB) GZipped PS Order	J. R. Childress, J.-S. Py, M. K. Ho, R. E. Fontana, and B. A. Gurney
<input type="checkbox"/>	77%	8.Microstructure of annealed magnetic tunnel junction by electron microscopy Full Text PDF (486 kB) GZipped PS Order	Q. Y. Xu, Y. G. Wang, Z. Zhang, B. You, J. Du, and A. Hu
<input type="checkbox"/>	81%	9.Influence of boundary roughness on the magnetization reversal in submicron sized magnetic tunnel junctions Full Text PDF (741 kB) GZipped PS Order	D. Meyners, H. Brückl, and G. Reiss

# Applied Physics Letters

APL Home

Volume:

Page:

[Retrieve](#)

Search▼

Browse▼

## Search All Issues: Results List

[\[New Search\]](#) [\[General Search Help\]](#)

 Article Collection: [View Collection](#) [Help](#) (Click on the ☐ to add an article.)

 You were searching for : (((tmr <OR> (tunnel <AND> (junction <OR> barrier)))) <and> ((ra <OR> roughness)))  
 You found 37 out of 47925 (37 returned)

Refine your query if desired:

 AND  in  Abstract/Title/Keywords [Refine](#)
[Last Page](#)

Documents 1 - 25 listed on this page

	Score	Title	Author(s)
<input type="checkbox"/>	79%	1.Magnetoresistance measurement of unpatterned magnetic tunnel junction wafers by current-in-plane tunneling Full Text PDF (64 kB) GZipped PS Order	D. C. Worledge and P. L. Trouilloud
<input type="checkbox"/>	77%	2.Electron transport properties in magnetic tunnel junctions with epitaxial NiFe (111) ferromagnetic bottom electrodes Full Text PDF (66 kB) GZipped PS Order	Ji Hyung Yu, Hyuck Mo Lee, Yasuo Ando, and Terunobu Miyazaki
<input type="checkbox"/>	77%	3.Conducting atomic-force-microscope electrical characterization of submicron magnetic tunnel junctions Full Text PDF (43 kB) GZipped PS Order	D. C. Worledge and David W. Abraham
<input type="checkbox"/>	77%	4.Growth and characterization of TiO[sub 2] as a barrier for spin-polarized tunneling Full Text PDF (184 kB) GZipped PS Order	M. Bibes, M. Bowen, A. Barthélémy, A. Anane, K. Bouzehouane, C. Carrétéro, E. Jacquet, J.-P. Contour, and O. Durand
<input type="checkbox"/>	77%	5.Breaking and restoring a molecularly bridged metal quantum dot junction Full Text PDF (297 kB) GZipped PS Order	Z. Hens, D. V. Tallapin, H. Weller, and D. Vanmaekelbergh
<input type="checkbox"/>	77%	6.Epitaxial MgO layer for low-resistance and coupling-free magnetic tunnel junctions Full Text PDF (162 kB) GZipped PS Order	E. Popova <i>et al.</i>
<input type="checkbox"/>	81%	7.Determination of the thickness of Al[sub 2]O[sub 3] barriers in magnetic tunnel junctions Full Text PDF (47 kB) GZipped PS Order	J. D. R. Buchanan, T. P. A. Hase, B. K. Tanner, N. D. Hughes, and R. J. Hicken
<input type="checkbox"/>	77%	8.Temperature dependence of magnetoresistance and nonlinear conductance of the bicrystal grain boundary in epitaxial La[sub 0.67]Ba[sub 0.33]MnO[sub 3] thin films Full Text PDF (54 kB) GZipped PS Order	Neeraj Khare, U. P. Moharil, A. K. Gupta, K. Raychaudhuri, S. P. Pai, and R. Pinto
<input type="checkbox"/>	77%	9.Electron field emission from boron-nitride nanofilms Full Text PDF (160 kB) GZipped PS Order	Takashi Sugino, Chiharu Kimura, and Tomohide Yamamoto

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Publications/Services Standards Conferences Careers/Jobs

**IEEE Xplore®**  
 RELEASE 1.4

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)
[Quick Links](#)
» [Adva](#)

## Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

## Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

## Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

## Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

- 1) Enter a single keyword, phrase, or Boolean expression.  
Example: acoustic imaging (means the phrase acoustic imaging plus any stem variations)
- 2) Limit your search by using search operators and field codes, if desired.  
Example: optical <and> (fiber <or> fibre) <in> ti
- 3) Limit the results by selecting Search Options.
- 4) Click Search. See [Search Examples](#)

```
(tmr <or> (tunnel <and>
(junction <or> barrier))
<and> (Ra <or> roughness)
```

Start Search

Clear

Note: This function returns plural and suffixed forms of the keyword(s).

Search operators: <and> <or> <not> <in> [More](#)

Field codes: au (author), ti (title), ab (abstract), jn (publication name), de (index term) [More](#)

## Search Options:

## Select publication types:

- ☒ IEEE Journals
- ☒ IEE Journals
- ☒ IEEE Conference proceed
- ☒ IEE Conference proceedir
- ☒ IEEE Standards

## Select years to search:

 From year:  to 

## Organize search results by

 Sort by: 

 In:  order

 List  Results per page

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#)  
[Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) |  
[Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2003 IEEE — All rights reserved